

# macphail woods

ecological forestry project

## NURSERY CATALOGUE 2024



# OUR MISSION

Macphail Woods acknowledges that the land on which we work is unceded Mi'kmaq territory, and we pay our respects to the Indigenous Mi'kmaq people and of this territory; past present and future. We recognize the land in which we work as Indigenous Wabaniki forests, and will continue working with regional knowledge keepers of this land to inform our practice.

The Macphail Woods Ecological Forestry Project is an initiative of the Environmental Coalition of Prince Edward Island, a community-based registered charity. It combines protection of the natural areas with wildlife enhancement, forest stewardship, watershed protection, environmental education and ecological research. We help Islanders fall in love with their forests.

## RESTORATION

- Native Plant Landscaping
- Native Plant Propagation
- Ecological Land Management
- Sustainable Forestry
- Shoreline Restoration

## EDUCATION

- Summer Nature Camps
- Chainsaw Training
- Free Events and Workshops
- School ground Naturalization
- Post-Secondary Courses
- School of Woodland Ecology

## NON-PROFIT

If you have been inspired by any of our free events, or would like to support our cause, we accept donation through our website or in-person.



Macphail's on-site native plant propagation greenhouse

**Support the Project!**  
[macphailwoods.org/about/support](https://macphailwoods.org/about/support)



# NATIVE PLANT NURSERY

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**April 30th - June 1st Thursdays through Saturdays - 8 am to 4 pm**

Our stock is most often propagated from native seeds and cuttings and grown on-site. We offer planting ideas and solutions for everyone, from woodlot owners wanting to restore native forests to urban homeowners interested in attracting wildlife. We are continually expanding our collection of native plants, exploring Prince Edward Island looking for rare and interesting species.

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## HOW TO PLACE AN ORDER:

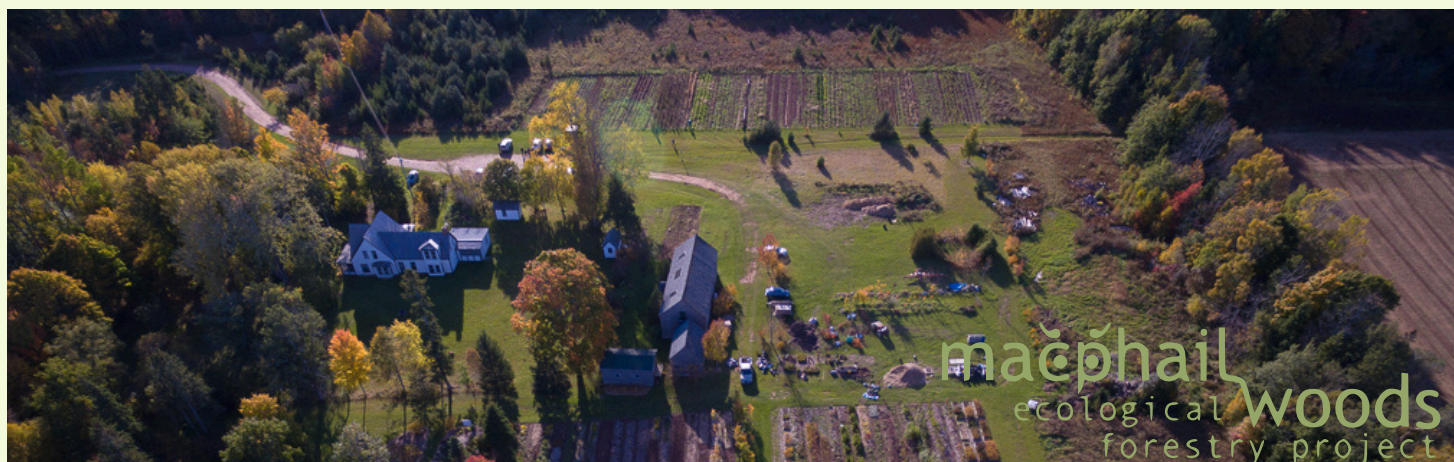
Contact our Nursery Manager: **Becky Byrne @ [beckybyrne@macphailwoods.org](mailto:beckybyrne@macphailwoods.org)**

Or call us at **(902) 651-2575**



## WHERE TO FIND US

**269 Macphail Park Rd, Orwell, PE** Located on the historic Sir Andrew Macphail Homestead. Come visit our hiking trails, native plant arboretum, nature centre, nursery, and more!



Aerial view of Macphail Woods site (2023)



# SERVICES FOR HIRE

## NATIVE PLANT LANDSCAPING

Well adapted to our climate and conditions, native species are great for landscaping in every kind of Island habitat, whether around town, in a hedge, along the coast, or in woodlands. Landscaping includes:

**Designing:** hedgerows, pollinator gardens, coastal buffers and blissful backyards.

**Planting:** trees and shrubs of all sizes, wildflower beds and fern gardens.

**Pruning:** for long-term tree health, fruit production and storm damage recovery.

## ECOLOGICAL LAND MANAGEMENT

Macphail Woods helps steward thousands of acres of forest, marsh and field across PEI to create diverse ecosystems that will meet the needs of both humans and wildlife. We love to help landowners restore their woodlots while creating opportunities for sustainable harvesting and recreational use. Whether it's a guided walk in your woods, a comprehensive management plan or harvesting firewood for the winter, we can help.

## FORESTRY SERVICES:

- Restoration forestry work
- Biodiversity plantings
- Pruning and maintenance
- Chainsaw training and forest management courses
- Hiking trails
- Ecological management plans





# EDUCATION

Register and check course  
schedules online at  
[macphailwoods.org/register](https://macphailwoods.org/register)

## SHARING A LOVE OF NATURE SUMMER CAMPS

Since 1992, our Sharing a Love of Nature Summer Camps have been helping Island youth from ages 6-16 reconnect with the outdoors. Through hikes, games, art and hands-on skills, campers spend most of their time in the woods and fields surrounding our Nature Centre. At age 12, campers can begin our Bushcraft Ecology program which teaches camping skills such as safe knife-use, fire starting, and shelter building. The campers also take part in an overnight campout.



## SCHOOL OF WOODLAND ECOLOGY

Our School of Woodland Ecology offers in-depth courses on a variety of topics including native botany, woodlot management and chainsaw safety. Keep up with our social media and visit [macphailwoods.org](https://macphailwoods.org) for details and dates to come!



### TOPICS INCLUDE:

- Plant Identification
- Woodland Ecology
- Backyard Botany
- Forest Restoration
- Sustainable Fuelwood Harvesting
- improving wildlife Habitat
- Introduction to Mapping and Data Collection



# NATIVE TREES

## TREE PRICING:

1ft	2ft	3ft	4ft	5ft	6ft	7ft	8ft	9ft	10ft	11ft	12ft+
\$22	\$38	\$54	\$70	\$94	\$118	\$166	\$214	\$262	\$358	\$552	\$650

## CONIFEROUS TREES:



### WHITE SPRUCE (*Picea glauca*)

A common and hardy native species. Useful for hedgerows, windbreaks, and seaside plantings.

**1-3ft**



### WHITE PINE (*Pinus strobus*)

Our stately forest pine is tolerant of dappled shade and is one of our tallest-growing native trees.

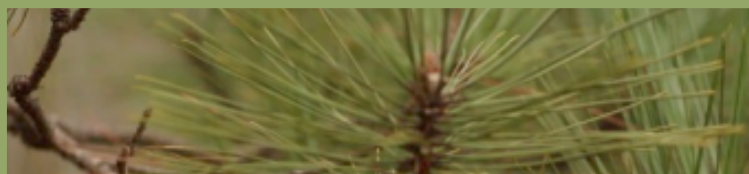
**SOLD OUT**



### RED SPRUCE (*Picea rubens*)

A late-successional conifer which prefers sheltered forested sites and will tolerate shade.

**1-3 ft**



### RED PINE (*Pinus resinosa*)

A handsome pine of sandy soils that does well on dry sites.

**SOLD OUT**



### EASTERN LARCH (*Larix laricina*)

A sun-loving tree which sheds its needles in late fall. Adapted to wind and wet while being resistant to rot.

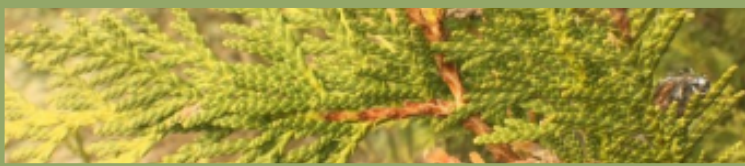
**SOLD OUT**



### EASTERN HEMLOCK (*Tsuga canadensis*)

One of our longest-living tree species. It is a key component of our native Wabanaki-Acadian forest.

**1-3ft**



### EASTERN WHITE CEDAR (*Thuja occidentalis*)

A sun-loving beautiful tree with scale-like foliage. Great for wet or swampy areas but does not tolerate wind.

**SOLD OUT**





# DECIDUOUS TREES



## **RED MAPLE (*Acer rubrum*)**

One of our more versatile native maples, tolerating sun, light shade, wind, salt, and even boggy ground.

**1- 3ft**



## **WHITE BIRCH (*Betula papyrifera*)**

White birch is an early successional tree, growing on dry, exposed sites.

**1-3ft**



## **STRIPED MAPLE (*Acer pensylvanicum*)**

A beautiful understory tree. It grows well in sheltered spots with dappled light.

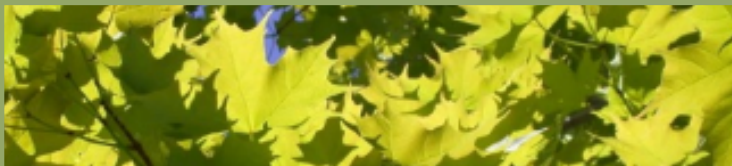
**1-3ft**



## **IRONWOOD (*Ostrya virginiana*)**

An understory tree of dappled light and riversides, this species is very rare on PEI

**1-3ft**



## **SUGAR MAPLE (*Acer saccharum*)**

A stately forest tree. Does well in sheltered habitats, great for woodland plantings.

**SOLD OUT**



## **AMERICAN ELM (*Ulmus americana*)**

A water-tolerant species more commonly found in western PEI. Often used as an ornamental tree in urban areas.

**SOLD OUT**



## **YELLOW BIRCH (*Betula alleghaniensis*)**

A key component of our forest, this species loves rich, moist forest soils.

**1-3ft**



## **BUTTERNUT (*Juglans cinerea*)**

Native to the region, this species prefers moist, rich soils with light shading. Often used as an ornamental.

**1-3ft**



## **NORTHERN RED OAK (*Quercus rubra*)**

Our beautiful provincial tree. A deep-rooted species with lovely fall foliage.

**1ft**





# NATIVE SHRUBS

At Macphail Woods, we use a combination of trees and shrubs in all our plantings. In addition to enhancing biodiversity, shrubs also provide food sources and habitat for birds and other animals. Many native shrubs are hardy, tolerant of high winds and salt spray, and work well in hedgerows or along the shoreline.

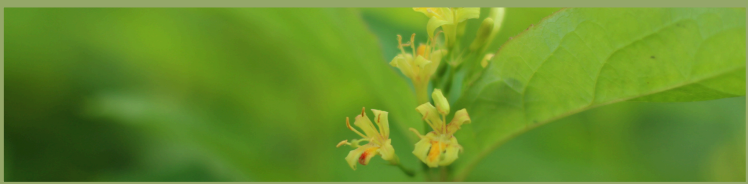
NATIVE SHRUB PRICING: \_\_\_\_\_

1ft	2ft.	3ft	4ft	5ft.	6ft	7ft
\$22	\$34	\$46	\$58	\$70	\$140	\$250



**CHOCKECHERRY (*Prunus virginiana*)**

This spreading shrub is an excellent shrub for hedges and wildlife  
**1-4ft**



**BUSH HONEYSUCKLE (*Diervilla lonicera*)**

A low-growing shrub with yellow blooms in summer  
**1-4ft**



**STEEPLEBUSH (*Spiraea tomentosa*)**

This spreading shrub is an excellent shrub for meadow plantings and wildlife  
**1-4ft**



**AMERICAN FLY HONEYSUCKLE (*Lonicera canadensis*)**

An important forest shrub for nectar-loving species such as hummingbirds  
**1-4ft**



**ROUND-LEAF DOGWOOD (*Cornus rugosa*)**

A water-tolerant species often found on the edge between marsh and forest.  
**SOLD OUT**



**CHOKEBERRY (*Aronia spp.*)**

A vigorous native shrub that thrives in sunny conditions. Provides fruit for wildlife.  
**1-4ft**



**WILD ROSE (*Rosa virginiana*)**

A hardy shrub for improving wildlife habitat with beautiful pink flowers.  
**1-4ft**



**STAGHORN SUMAC (*Rhus typhina*)**

A very hardy shrub which will spread through root suckers. Showy flowers and foliage.  
**1-4ft**

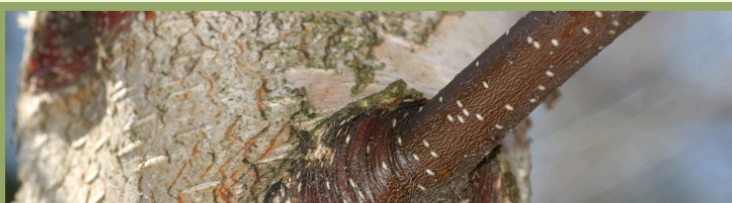




**MOUNTAIN MAPLE (*Acer spicatum*)**

Our fourth native maple grows along shaded riverways.

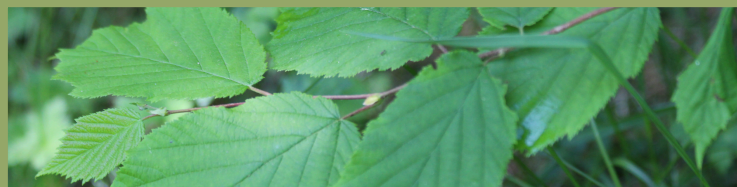
**1-4ft**



**GREY BIRCH (*Betula populifolia*)**

A common but hardy short-growing tree. Excellent for hedgerows.

**SOLD OUT**



**BEAKED HAZELNUT (*Corylus cornuta*)**

A versatile understory shrub which produces edible hazelnuts.

**1-4ft**



**WITCH HAZEL (*Hamamelis virginiana*)**

A very rare native forest shrub with beautiful fall flowers.

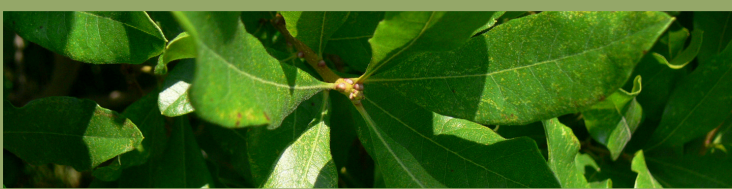
**1-4ft**



**HAWTHORN (*Crataegus spp*)**

A sun-loving and thorny shrub of hedgerows and forest edges. Excellent for birds.

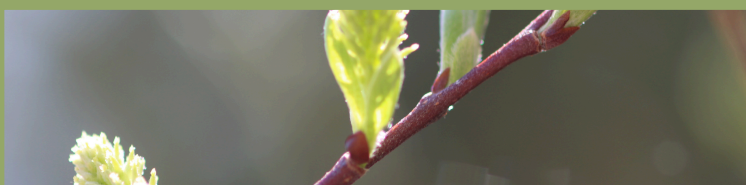
**1-4ft**



**BAYBERRY (*Morella pensylvanica*)**

A common and hardy low-growing shrub. Great for windy or sandy sites.

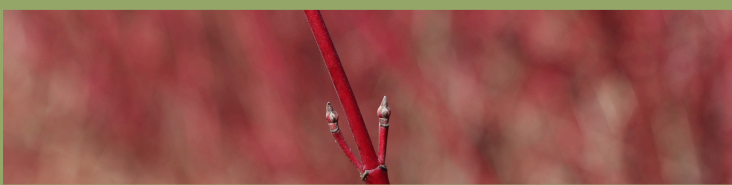
**1-4ft**



**WILLOW (*Salix spp.*)**

A versatile shrub with early flowers for pollinators. Fast-growing and tolerant of a variety of conditions.

**1-4ft**



**RED-OSIER DOGWOOD (*Cornus sericea*)**

A low-growing shrub with showy red bark. Great for landscaping.

**1-4ft**



**COMMON ELDER (*Sambucus canadensis*)**

Tolerant of sun and water, this showy shrub also produces edible dark purple berries, great for wildlife.

**1-4ft**



**ALTERNATE-LEAF DOGWOOD (*Cornus alternifolia*)**

A tall woodland shrub with an attractive white flowers and blueberries.

**1-4ft**



# NATIVE WILDFLOWERS

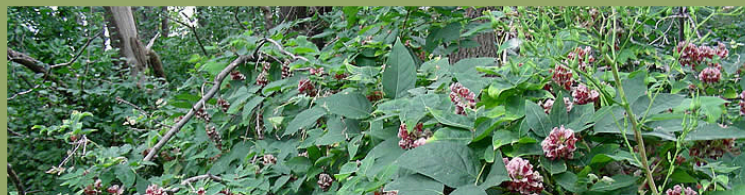
The Wabanaki-Acadian forest has a large variety of native wildflowers. These plants are adapted for many different habitats, from the forest floor to the coastal shoreline. They create habitats and food for animals, and protect soil, among many other roles. Their beauty and diversity enhances any ecosystem they appear in.

## WILDFLOWER PRICING:

**Small: \$14**

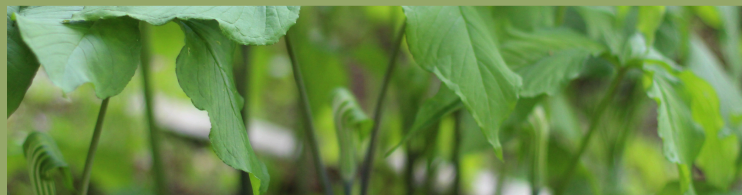
**Medium \$22**

**Large: \$32**



**AMERICAN GROUNDNUT (*Apios americana*)**

This very rare perennial vine is one of our only native legumes.



**JACK IN THE PULPIT (*Arisaema triphyllum*)**

A rare native wildflower, great for open, sunny and swampy conditions.



**BLUE VERVAIN (*Verbena hastata*)**

A rare water-tolerant wildflower of marsh-edges, meadows and shores.



**SWAMP MILKWEED (*Asclepias incarnata*)**

Our beautiful native milkweed is a favourite food for monarch butterflies as well as many pollinators



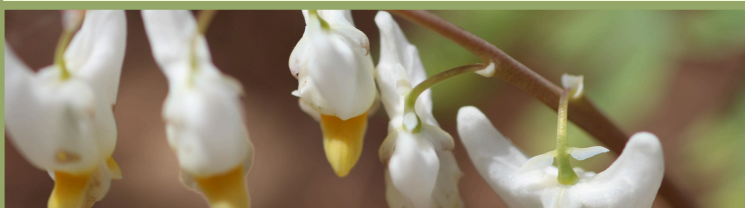
**BONESET (*Eupatorium perfoliatum*)**

A showy species with white flowers that prefers wetter soils and full sun.



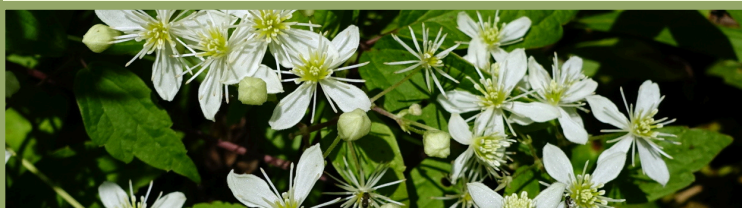
**JOE-PYE WEED (*Eutrochium maculatum*)**

Often found in wetlands, this tall growing perennial thrives in full sun and boasts showy pink flowers.



**DUTCHMAN'S BREECHES (*Dicentra cucullaria*)**

An ephemeral springtime plant. Grows best in moist, shaded woodlands



**CLEMATIS (*Clematis virginiana*)**

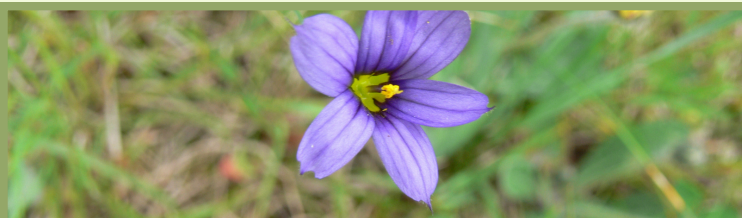
One of our few native vines, this plant has white flowers and does well in sunny wet areas.





**NODDING TRILLIUM (*Trillium cernuum*)**

A woodland plant with a showy, drooping flowers.



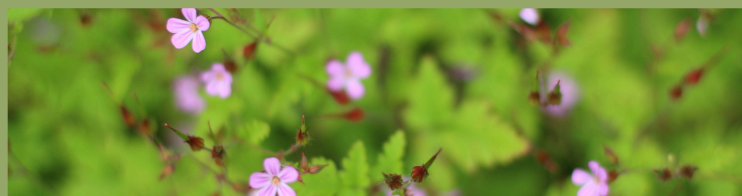
**BLUE-EYED GRASS (*Sisyrinchium montanum*)**

A small but gorgeous blue flower with iris-like leaves.



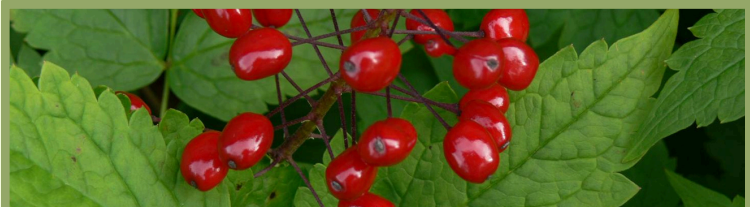
**CANADA ANEMONE (*Anemone canadensis*)**

Part of the buttercup family, this perennial native wildflower loves sunny moist soils. A very rare Island plant.



**HERB ROBERT (*Geranium robertianum*)**

Another light shade plant which will spread, blanketing the woodland floor.



**BANEERRIES (*Actaea* spp.)**

A distinctive forest flower, great food for birds but poisonous to mammals.



**YELLOW VIOLET (*Viola pubescens*)**

A rare woodland plant with beautiful yellow flowers.



**HAIRY SWEET CICELY (*Osmorhiza claytonii*)**

A rare woodland wildflower that thrives in dappled shade in rich, moist soils.



**BLUE FLAG IRIS (*Iris versicolor*)**

A full-sun beauty which does best in wet areas. Great for native pollinators.



**SEASIDE GOLDENROD (*Solidago sempervirens*)**

A showy seaside goldenrod. Well adapted to salt, sand and sun.



**YELLOW CONEFLOWER (*Rudbeckia laciniata*)**

Loves full sun but needs some shelter from the wind. A great plant for pollinators and birds.





### **TROUT LILY (*Erythronium americanum*)**

A beautiful, unique, and rare ephemeral woodland lilly.



### **ROCK HARLEQUIN (*Capnoides sempervirens*)**

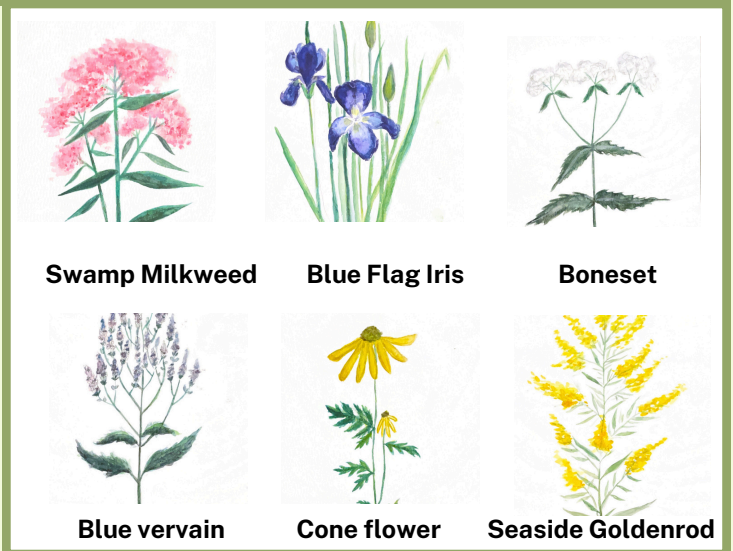
Delicate woodland flower, are often found in dryer sites or disturbed areas.

## **WILDFLOWER SEEDS**

**SEED PACK PRICING: \$ 5.00 each  
(~200 seeds in each pack)**

We are now offering a select number of wildflower seed species!

Starting plants from seed is a great, low-cost way to start a pollinator garden or add natural beauty to any outdoor space! Available seeds are collected from perennials in our nursery, either as 'wildflower mix' packets, including all 6 species listed on the right or as individual species.



**Swamp Milkweed**

**Blue Flag Iris**

**Boneset**

**Blue vervain**

**Cone flower**

**Seaside Goldenrod**

For more information or to order seeds contact  
**Becky Byrne: [beckybyrne@macphailwoods.org](mailto:beckybyrne@macphailwoods.org)**



## **NATIVE GRASSES**

Our three native grass species can be used for restoration plantings and landscaping. Prices are the same as wildflowers.



### **MARRAM GRASS (*Calamagrostis breviligulata*)**

Salt and wind-resistant species with matted roots that help to stabilize shorelines.



### **TALL CORD GRASS (*Spartina spp.*)**

A tall-growing grass which tolerates both fresh water and salt water.



# NATIVE FERNS

Prince Edward Island is home to many types of ferns such as the edible ostrich fern, the rare almost evergreen Christmas fern and the hardy sensitive fern. These plants are beautiful additions to a yard and incredibly valuable species for forest restoration and provide ground cover and habitat for many of our native animals.

## FERN PRICING

Small: \$18      Medium \$28      Large: \$38



**HAYSCENTED FERN** (*Dennstaedtia punctilobula*)

This lovely-scented fern grows best in sunny patches in the forest.



**SENSITIVE FERN**  
(*Onoclea sensibilis*)

These sun-loving ferns are very adaptable but thrive in wet areas.



**CRESTED WOOD FERN**  
(*Dryopteris cristata*)

This rare fern does well in moist environments.



**LADY FERN**  
(*Athyrium filix-femina*)

An elegant fern that tolerates wet soils and a variety of shade.



**OSTRICH FERN**  
(*Matteuccia struthiopteris*)

A tall, hardy, and spreading fern which produces our edible “fiddlehead”.



**MALE FERN**  
(*Dryopteris filix-mas*)

This very rare native fern does best under dappled light.



**WOOD FERNS**  
(*Dryopteris spp.*)

Several species of wood fern all thrive in forest-like habitats.



**CHRISTMAS FERN**  
(*Polystichum acrostichoides*)

A rare low-growing fern which stays green for most of the winter.



**CINNAMON FERN**  
(*Osmundastrum cinnamomeum*)

This showy fern is an excellent choice for either woodlands or around the home.



**INTERRUPTED FERN**  
(*Claytosmunda claytoniana*)

Prefers shaded woodlands with rich soil but is often used in urban landscaping



# PRUNING EQUIPMENT

Pruning is a vital activity in improving the look and health of your trees and shrubs but having the right tools makes it all the easier. Silky pruning saws are our favourite and come in a variety of sizes from small hand-saws to long pole-saws.

We also offer workshops throughout the year to teach proper pruning techniques. All profits from our equipment sales help to fund our many non-profit activities from school ground naturalization plantings to public land restoration to environmental education. Call us or email to ask about which saw might be right for you!

- Hands Pruners
- Folding Saws
- Fixed Saws
- Pole Pruners
- Replacement Blades
- Holsters



# NATURAL WOOD TREATMENT

Friendly to plants, animals, and people, LifeTime® can be used in direct contact with garden soil without any toxic effect. By using this economical and environment-friendly wood stain product, you make a positive statement about protecting your environment.

PRICING : 4.5 Litre - \$ 100.00. SM - 1 Litre - \$ 22.00

